

Title (en)  
SAFETY SYSTEM AND METHOD

Title (de)  
SICHERHEITSSYSTEM UND -VERFAHREN

Title (fr)  
SYSTEME DE SECURITE ET PROCEDE ASSOCIE

Publication  
**EP 1751380 A4 20120620 (EN)**

Application  
**EP 05746840 A 20050603**

Priority  
• AU 2005000800 W 20050603  
• AU 2004902994 A 20040604

Abstract (en)  
[origin: WO2005118987A1] The safety system comprises an electro-mechanical locking device (110) moveable between an unlocked position and a locked position. When the electro-mechanical locking device is in the locked position and is located on an energy isolation element (120) of a plant, energy is isolated at the isolation element. A mobile unit (130) is adapted to communicate with the electro-mechanical locking device in order to move the electro-mechanical locking device between the locked and unlocked position. When the electro-mechanical locking device is moved to the locked position a confirmation signal (260) is communicated to the mobile unit confirming that the electro-mechanical locking device is locked.

IPC 8 full level  
**G07C 9/00** (2006.01); **E05B 47/00** (2006.01); **E05B 47/02** (2006.01); **F16P 3/08** (2006.01); **H04B 1/38** (2006.01); **H04L 9/00** (2006.01); **H04L 9/32** (2006.01); **H04Q 9/00** (2006.01)

CPC (source: EP KR US)  
**E05B 47/00** (2013.01 - KR); **F16P 3/08** (2013.01 - EP US); **G07C 9/00309** (2013.01 - EP US); **G07C 9/00896** (2013.01 - EP US); **G07C 9/00817** (2013.01 - EP US); **G07C 2209/62** (2013.01 - EP US)

Citation (search report)  
• [I] US 6047575 A 20000411 - LARSON WAYNE F [US], et al  
• [I] US 5046084 A 19910903 - BARRETT IRAL D [US], et al  
• See references of WO 2005118987A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005118987 A1 20051215**; BR PI0511229 A 20071127; CA 2569490 A1 20051215; CN 101014749 A 20070808; EP 1751380 A1 20070214; EP 1751380 A4 20120620; JP 2008501893 A 20080124; JP 4747168 B2 20110817; KR 20070061515 A 20070613; NO 20070041 L 20070103; RU 2006147283 A 20080720; RU 2375535 C2 20091210; US 2009140856 A1 20090604; ZA 200700122 B 20081029

DOCDB simple family (application)  
**AU 2005000800 W 20050603**; BR PI0511229 A 20050603; CA 2569490 A 20050603; CN 200580025454 A 20050603; EP 05746840 A 20050603; JP 2007513620 A 20050603; KR 20077000180 A 20070104; NO 20070041 A 20070103; RU 2006147283 A 20050603; US 57000305 A 20050603; ZA 200700122 A 20070104